ABSTRACT OF THE DISCLOSURE

The fundamental technique of the method for making cellular cores is to make stacks of components which are configured such that cutting slices off the stacks produces cellular cores and, when needed, components used in stacks used to produce cellular cores. One of the basic components used in the stacks is termed a ribbed ply which is a ply (thin sheet of material such as wood) with a number of ribs (long thin strips of material such as wood) attached to the ply, parallel to each other. If the spaces between the ribs are filled with filler material such as foam plastic, the cells in the cellular core will be filled with the filler material. The filler material is introduced as layers of the material stacked alternately with plies and adhesively attached. Slices of such a stack, sliced parallel to the grain of the plies (if wood) are called ribbed fillers. Stacking ribbed fillers and plies produces a stack having a cross section which, when sliced, produces filled cell cellular cores.